



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



LISA2-O-CLIP

~45° x 20° oval beam optimized for CREE XP-E.
7.13 mm high variant with clip installation.

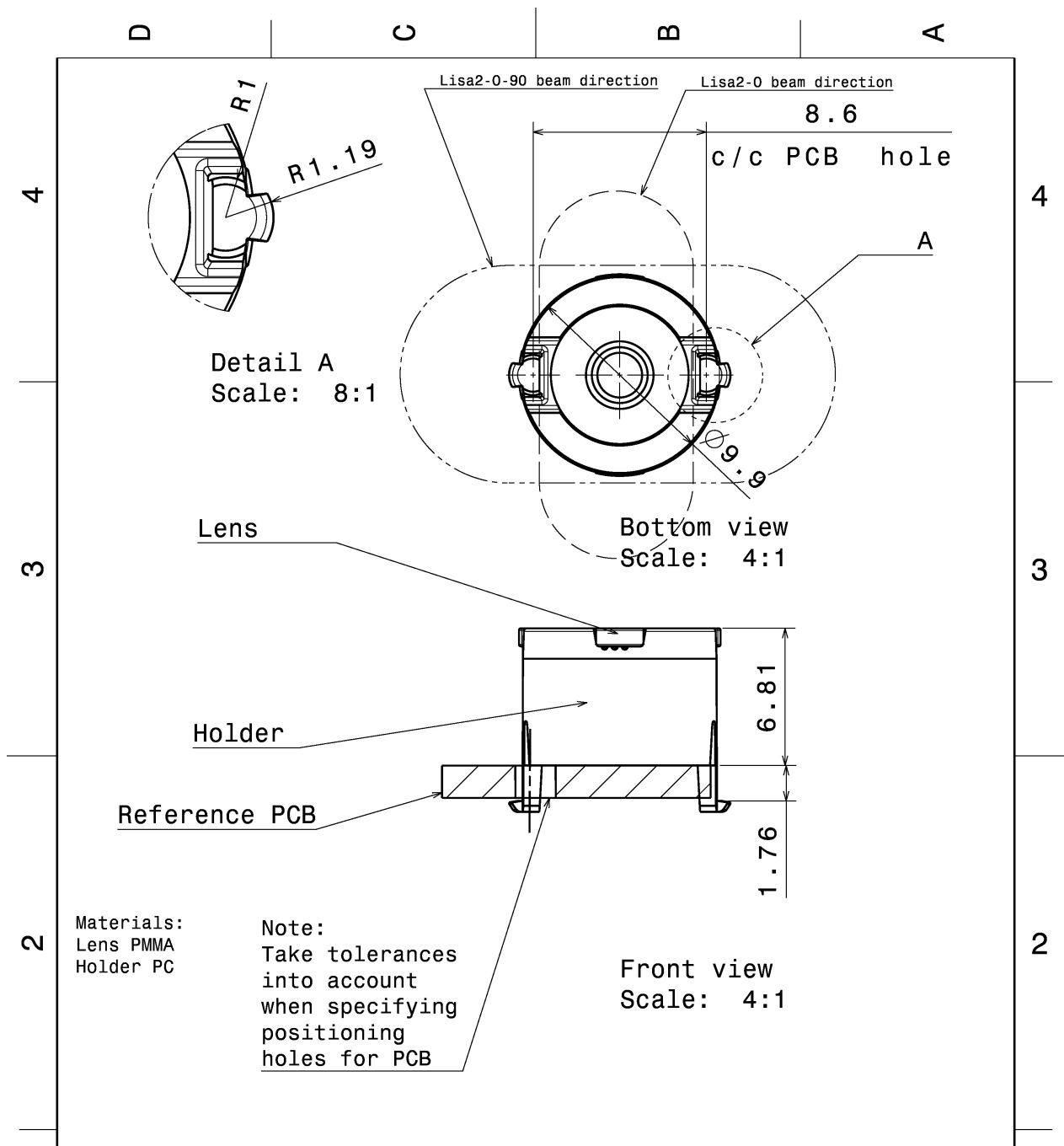
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 10 mm
Height	6.8 mm
Fastening	clips
Colour	black
Box size	
Box weight	1.4 kg
Quantity in Box	2000 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
LISA2-O	Lens	PMMA	clear
LISA2-HLD-CLIP16-XP	Holder	PC	black



Materials:
 Lens PMMA
 Holder PC

Note:
 Take tolerances into account when specifying positioning holes for PCB

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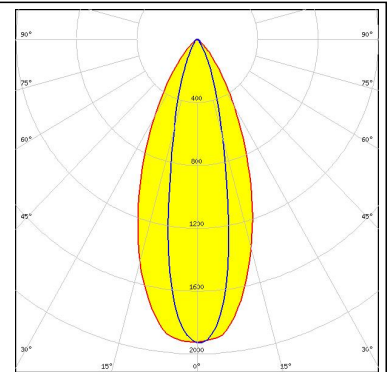
Ledil Oy
 Tehdaskatu 13
 FIN-24100 SALO
 Finland

DRAWN BY ch		DATE 20.7.2011	DRAWING TITLE Datasheet Lisa2-clip16-XP series Assy			
CHECKED BY sn	DATE 20.7.2011	SIZE A4	DRAWING NUMBER		REV 2	
DESIGNED BY hh	DATE 19.10.2009	SCALE 4:1	WEIGHT (g)	SHEET 1/1		

PHOTOMETRIC DATA (MEASURED):

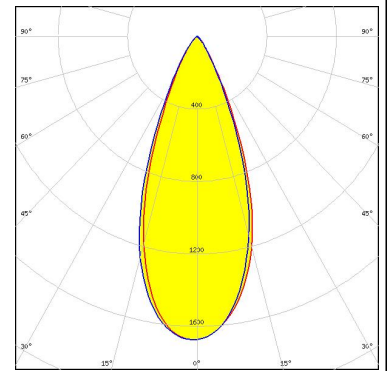
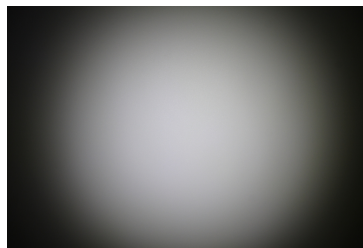
CREE 

LED XP-G2
FWHM 44.0 + 23.0°
Efficiency 81 %
Peak intensity 1.930 cd/lm
Required components:



CREE 

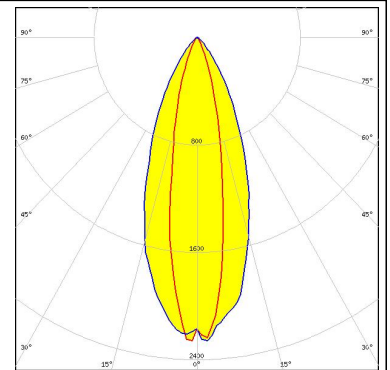
LED XP-G3
FWHM 45.0 + 28.0°
Efficiency 75 %
Peak intensity 1.526 cd/lm
Required components:



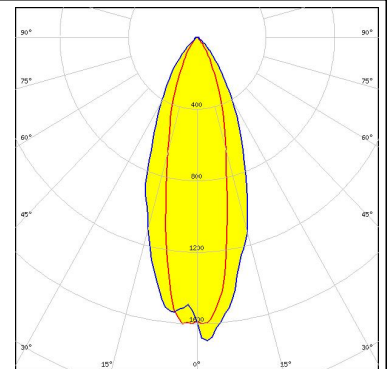
PHOTOMETRIC DATA (SIMULATED):



LED XT-E
FWHM 41.0 + 21.0°
Efficiency 80 %
Peak intensity 2.330 cd/lm
Required components:

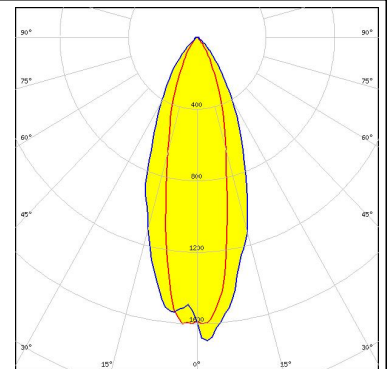


LED LUXEON IR Compact
FWHM 41.0 + 15.0°
Efficiency 77 %
Peak intensity 0.000 cd/lm
Required components:



SEOUL SEMICONDUCTOR

LED Z8Y22P
FWHM 40.0 + 25.0°
Efficiency 75 %
Peak intensity 1.730 cd/lm
Required components:



GENERAL INFORMATION:

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

MATERIALS:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

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